



LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA.

BULLETIN No 373

BUTTER

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BUTTER

OTTAWA, 18th MAY, 1917

J. U. VINCENT, Esq., K. C.

DEPUTY MINISTER OF INLAND REVENUE,

Sir,

I beg to hand you a report upon 228 samples of Butter, procured by our inspectors during January, February and March of the present year.

This collection was made in consequence of many complaints, suggesting the extensive sale of oleomargarine, or as a butter substitute. It is gratifying to know that not a single sample of the article was obtained by our inspectors; although this may not be held as conclusive proof that oleomargarine is entirely absent from our markets. Another complaint to the effect that excessive amounts of water were frequently incorporated into butter, appears to be substantiated by the fact that seven (7) samples contain decidedly more water than the 16 per cent. fixed as a maximum permissible limit; while sixteen (16) other samples nearly reach, or slightly exceed this limit.

Legal butter should contain approximately 82.5 per cent. of milk fat. Slightly less than this amount may be present in samples of butter which contain maximum, or nearly maximum amounts of water, salt and curd; but as a rule, the deflection does not exceed one or two per cent.

Thus, nearly 90 per cent. of the samples (138 in number) reported in Bulletin 334, and collected in October, November and December of 1915, contained

at least 82.5 per cent. fat, many of them considerably exceeding this limit. Of the present collection, representing 228 samples, 187 samples contain at least 82.5 per cent. of fat. (82 per cent. of the total collection).

Since milk fat is the most valuable constituent of butter, it is important that any deficiency, below 82.5 per cent. should be small. Six samples show deficiencies varying from 5 to 13 per cent. of fat.

No admixtures or substitutions of foreign fats, instead of milk fat occur. I beg to recommend publication of this report as Bulletin No. 373.

I have the honour to be, Sir,

Your obedient servant,

A. McGILL,

Chief Analyst.

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Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer	Furnisher

DISTRICT OF NOVA SCOTIA:—

1917	March	8	Butter	76426	Wentzels Ltd., Halifax.....	1½lb	75	W. W. Pineo, Water ville, N. S.	Mfr
	"	8	"	76427	Smith & Procter, Halifax....	"	"	T. B. Blackie, Great Village, N.S.	"
	"	8	"	76428	Rooney Lovett, Halifax....	"	"	Brookfield Creamery Co., Brookfield "	"
	"	8	"	76429	W. J. Hopgood & Son, Hal- ifax	"	"	"	"
	"	9	"	76430	Corkum & Ritcey, Halifax....	2 "	80	Henry Davis Avondale, N. S.	"
	"	9	"	76431	R. M. McLeod, Halifax.....	1½"	68	L. Fisher, Lilleyale, N. S.	"
	"	9	"	76432	P. T. Shea, Halifax.....	"	75	G. R. Davidson, Puitannique N.S..	"
	"	13	"	76433	S. Thomson, Dartmouth, N. S.	"	68	J. Bruce, middle Musquodoboit, N.S.	"
	"	16	"	76434	W. C. Smith Co., Lunenburg N. S.	"	62	Unknown	F. King, Lu- nenburg. Mfr.
	"	22	"	76435	Barnes & Quinn, Windsor, N. S.	"	68	Geo. Shea, Went- worth, N. S.	"

DISTRICT OF PRINCE EDWARD:—

March	5	Butter	60605	Sinclair & Stewart, Summer- side P. E. I.	1½lb	68	Wellington, P. E. I.	.....
"	5	"	60610	Brace McKay & Co. Ltd. Summerside, P. E. I.	"	54	Creamery	.....
"	5	"	60617	R. T. Holman Ltd. Summer- side, P. E. I.	"	57	.....	.....
"	15	"	60638	C. A. McDonald, Summer- side, P. E. I.	2 "	80	.....	.....
"	15	"	60642	Jenkins & Son, Charlottetown	1½"	68	Dunstaffanage Crea- mery, P. E. I.	.....

DISTRICT OF NEW BRUNSWICK:—

Jan.	4	Butter	60616	R. M. Tobias & Bros. St John N. B.	1½lb	65	.....	Stephen French St John
"	4	"	60617	Walter Knowles, St John N.B.	2¼	1.03	Unknown	.....
"	4	"	60618	W. Fenwick, St. John, N. B.	2 "	88	J. M. Colpitts, Mapleton, N. B.	.....
"	4	"	60619	McPherson Bros. St-John	1½	72	Farmer's Tracing Coburn N.B.	.....
"	24	"	60620	W. H. Vanwart, Fredericton, N. B.	"	68	Alfred Christie, Scotch Settlement York Co., N. B.	.....
"	25	"	60621	Sanitary Dairy, Woodstock, N. B.	"	60	Allison Hall, Bedell Settlement Carle- ton Co., N. B.	.....
"	27	"	60622	S. Sim Kevitz, Grand Falls, N. B.	2 "	76	Lartz Bert & Lozon New Denmark, Victoria, Co., NB	.....
Feb.	6	"	60623	Smith Bros, Sussex, N. B....	"	90	W. P. Fowler, Ham- mond Vale, Kings Co., N. B.	.....
"	6	"	60624	Sussex Mercantile Co., Sussex N. B.,	"	94	Sussex Cheese & But- ter Co. Ltd, Sus- sex, N. B.	.....
"	7	"	60625	Mrs P. White, Moncton, N. B.	1½"	68	.....	Reed & Co Ltd, Moncton

BUTTER

Inspector's Report (is not an expression of opinion)	Results of Analysis							Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Salt & Curd		Fat by difference	Sp. gr. of fat at 40° C	Butyro-refractometer reading at 40° C	Preservative (Borax)		
R. J. WAUGH, INSPECTOR									
Dairy	12.96	2.80		84.24	0.9107	42.9	None	76426	
Creamery	13.00	2.60		84.40	0.9115	41.4	"	76427	
"	12.88	5.03	.....	82.09	0.9110	42.2	"	76428	
"	13.90	2.32	.....	83.78	0.9112	43.1	"	76429	
Dairy Prints	13.32	6.48	.....	80.20	0.9103	41.7	"	76430	
Dairy	13.16	4.35	.....	82.49	0.9117	41.5	"	76431	
"	12.11	6.08	.....	81.81	0.9110	41.5	"	76432	
"	11.66	3.97	.....	84.37	0.9102	42.4	"	76433	
"	12.56	6.64	.....	80.80	0.9094	43.0	"	76434	
.....	14.47	4.83	.....	80.70	0.9114	41.3	"	76435	
J. P. ARSENAULT, INSPECTOR									
.....	7.80	3.03	.....	89.16	0.9107	43.5	None	60605	
.....	12.30	3.18	.....	84.52	0.9104	42.0	"	60610	
.....	6.00	3.10	.....	90.90	0.9107	41.0	"	60617	
.....	10.62	3.95	.....	85.43	0.9098	43.7	"	60638	
.....	13.20	3.77	.....	83.03	0.9106	41.9	"	60642	
JOHN C. FERGUSON, INSPECTOR									
Dairy	9.80	5.65	.....	84.55	0.9111	43.0	None	60616	
"	10.30	7.38	.....	82.32	0.9111	41.6	"	60617	
.....	13.64	5.03	.....	81.33	0.9108	43.41	"	60618	
Dairy	12.01	4.71	.....	83.28	0.9113	42.4	"	60619	
"	11.21	5.47	.....	83.32	0.9103	42.6	"	60620	
"	10.70	4.81	.....	84.49	0.9097	43.8	"	60621	
"	11.35	4.01	.....	84.64	0.9100	42.3	"	60622	
"	9.15	4.26	.....	86.59	0.9113	41.0	"	60623	
Creamery, Sunflower Brand	11.27	6.49	.....	82.24	0.9107	42.4	"	60624	
Dairy	12.72	7.89	.....	79.39	0.9094	43.8	"	60625	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer.	Furnisher

DISTRICT OF QUEBEC CITY :—

1916	Dec.	20	Butter	56849	M. Bernard, 1st Ave. Stadacona, Quebec	1 1/4 lb	72	Unknown	Emond & Côté
"	"	20	"	56850	F. Cliche, 4st St 131 Stadacona, Quebec	"	74	"	Octave Jacques
"	"	20	"	56851	J. L. Turgeon, 2nd Ave 46, Stadacona, Quebec	"	71	"	Emond & Côté
"	"	20	"	56852	Philias Sanfaçon, 202nd Ave. Stadacona, Quebec	"	72	"	"
1917	Jan.	3	"	56853	Z Lelièvre, 88 rue Parent Québec	"	72	"	Unknown
"	"	3	"	56854	"	"	92	"	F. X. Jobin
"	"	3	"	56855	Edg. Picard, 52 rue St-Ambroise Quebec	"	91	"	Emond & Côté
"	"	3	"	56856	N. Nadeau, 91 rue St-Ambroise, Quebec	2 "	95	"	J. B. Renaud & Cie
"	"	3	"	56857	"	"	88	"	"
"	"	3	"	56858	J. A. Talbot, 59 rue Carillon Québec	1 1/4 "	72	"	Unknown

DISTRICT OF QUEBEC PROVINCE—O. BROCHU,

Jan.	18	Beurre	4370	Geo. Roy, St-Michel.....	1 1/4 lb	63	Edouard Tellier St-Michel	
"	18	"	4374	F. Roy, St-Charles.....	"	68	Rochefford, St-Charles	
"	18	"	4375	"	"	68	Damase Turgeon St-Charles	
"	19	"	4382	D. Noel, St-Lazare.....	"	60	Cyrille Labrie St-Lazare	
"	19	"	4383	"	"	60	Baptiste Chabot. St-Lazare	
1916								
Dec.	23	"	5757	Mathias Dagenais, St-Jerome	2 "	82		
"	23	"	5758	Alphonse Bastien, St-Jerome)	"	84		
"	23	"	5759	Rodolphe Aubin, St-Sophie, Terrebonne	1 1/4 "	64		
"	13	"	5760	Raphael Cloutier, St-Sauveur Terrebonne	2 "	84		
1917								
Jan.	22	"	5781	Noé Forget, St-Agathe des Monts	"	90		
"	22	"	5782	Napoléon Héti, St-Agathe Monts	"	96		
"	22	"	5783	Ferdinand Chapleau, St. Aga- the des Monts	"	90		
"	29	"	4993	Dominique Beaubien, Kamou- raska,	1 1/4 "	65	Xavier Levesque Kamouraska	
"	31	"	4995	Ferdinand Rosignoli, St-Phil- lippe de Kamouraska	"	57	Unknown	
"	31	"	4997	Ernest Chamberlain, St-Phil- lippe, Kamouraska	"	55	Ernest Rivard,	
"	31	"	5001	J. B. Hudon, Rivière Ouelle	"	68	Jos. Berubé, Rivière-Ouelle	
Feb.	1	"	5005	S. M. Khazoon, Ste-Anne	"	57	M. Castonguay, Ste-Louise	
"	1	"	5007	Pierre Voyer, St-Pacôme,	"	60	Frederic Gagnon Rivière-Ouelle	
"	3	"	5012	Jean Thérberge, St-Elcuthère	"	67	Ernest Ouellet St-Elcuthère	
"	5	"	5017	Jean Emond, Rivière Bleu	"	68	Jos. Morneau, St-Eusebe	
Jan.	5	"	7317	J. B. C. Londreau, Mont- magny	"	75		J. B. Renaud Québec

BUTTER

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Inspector's Report (Is not an expression of opinion).	Results of Analysis						Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Salt & Curd	Fat by difference	Sp. gr. of fat at 40° C	Buoyro- refractometer reading at 40° C	Preservative (Borax)		

F. X. W. E. BELAND, INSPECTOR

.....	14.07	5.93	80.00	0.9104	44.1	None	56849	Water somewhat Ex- cessive, pass.
.....	12.33	2.62	.....	85.05	0.9096	43.5	"	56850
.....	15.31	3.65	.....	81.04	0.9100	43.9	"	56851
.....	11.08	3.76	.....	85.16	0.9106	44.0	"	56852
.....	11.73	2.75	.....	85.52	0.9096	42.4	"	56853
.....	13.23	4.47	.....	82.30	0.9100	42.3	"	56854
.....	13.81	6.19	.....	80.00	0.9098	44.9	"	56855
.....	16.09	5.50	.....	78.41	0.9106	42.5	"	56856
.....	11.10	5.19	.....	83.62	0.9098	43.5	"	56857
.....	11.34	4.75	.....	83.91	0.9112	43.4	"	56858

N. CADIEUX, A. PELLETIER & T. GENDREAU, TEMPORARY INSPECTORS

.....	9.86	Ash (Salt) 3.49	86.65	41.7	None	4370	Water slightly Exces- sive, pass.
.....	14.52	2.82	.....	82.66	.....	42.3	"	4374
.....	9.74	3.71	.....	86.55	.....	43.1	"	4375
.....	11.00	3.40	.....	85.60	.....	42.3	"	4382
.....	11.18	3.20	.....	85.62	.....	42.6	"	4383
.....	16.17	4.36	.....	79.47	.....	43.6	"	5757
.....	13.67	3.02	.....	83.31	.....	42.7	"	5758
.....	13.98	3.56	.....	83.46	.....	43.1	"	5759
.....	12.89	3.01	.....	84.10	.....	43.5	"	5760
.....	11.44	3.49	.....	85.07	.....	42.7	"	5781
.....	11.84	1.87	86.29	42.6	"	5782	Water excessive. Adul- terated. Fat 9p.c. be- low standard amount. Water excessive. Adul- terated. Fat 8p.c. be- low standard amount.
.....	12.84	1.46	.....	85.70	.....	42.5	"	5783
.....	9.15	4.52	.....	86.23	.....	40.9	"	4993
.....	12.35	3.11	.....	84.54	.....	43.0	"	4995
.....	9.97	2.50	.....	87.53	.....	40.9	"	4997
.....	24.80	1.93	.....	73.27	.....	43.0	"	5001
.....	21.58	1.01	.....	77.41	.....	43.0	"	5005
.....	11.06	2.43	.....	85.92	.....	43.9	"	5007
.....	10.47	2.45	.....	87.08	.....	43.1	"	5012
.....	8.37	3.34	.....	88.29	.....	43.1	"	5017
.....	16.20	2.58	.....	91.22	.....	43.1	"	7317

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer	Furnisher

DISTRICT OF THREE RIVERS :—

1916 Dec.	20	Beurre	6813 L. J. Poulette, St-Thomas, Joliette	1½lb	75	A. Pelletier, St Paul, Joliette	
"	20	"	6814 J. H. R. Deblois, St-Thomas, Joliette	"	68	Joseph Grenache, St-Damien de B.	
"	21	"	6815 J. A. Jubinville, Joliette, St-	"	72	J. A. Laporte, Ste Elizabeth	
"	21	"	6816 Camille Barrette, Joliette	"	72	"	
"	21	"	6817 J. A. Boisvert, Joliette.....	"	68	Tancrède St-George St-Ambroise	
"	22	"	6818 L. A. Chartier, Joliette.....	"	72	S. M. Pellerin, Ste Melanie	
"	22	"	6819 J. E. Dufort, Joliette.....	"	68	Tancrède St-George St-Ambroise	
"	22	"	6820 William Perrault, Joliette ...	"	72	Wilfrid Malo, St. Paul de Joliette	
"	22	"	6821 Eadras Magnan, Joliette	"	75	J. A. Laporte, Ste Elizabeth	
"	22	"	6822 H. Payette, Joliette.....	"	68	A. Pellerin, St-Paul de Joliette	
"	22	"	6823 François Rivest, Joliette	"	68	Ulric Olivier, Ste Elizabeth	

DISTRICT OF EASTERN TOWNSHIPS :—

1917 Jan.	5	Butter	74176 B. J. Plim, Magog.....	1½lb	69		
"	5	"	74177 E. E. Clement, Magog.....	"	75	Magog Creamery Co.	
"	5	"	74178 Cooperative Society, Magog	"	75		
"	9	"	74179 Edmond Lanctôt, Sherbrooke	"	74	J. Taylor, East Clifton	
"	9	"	74180 V. Morin, Sherbrooke.....	"	70		
"	9	"	74181 Alf. Lanctôt & Fils, Sherbrooke	2lbs	1.00		Raboin & Raboin
"	9	"	74182 Theriault & Leclerc, Sherbrooke	"	96	Beurre St Hermenegilde	
"	9	"	74183 A. R. Jacques, Sherbrooke...	1½lb	72	L. E. Bergeron, Brompton, P. Q.	
"	9	"	74184 A. Boisvert, Sherbrooke.....	2lbs	98	E. Beaud, Johnville, P. Q.	
"	9	"	74185 W. W. Emery, Sherbrooke...	1½lb	68		

DISTRICT OF MONTREAL:—

March	8	Butter	74971 W. J. Roberts, 949 Wellington St., Verdun	1½lb	72	Oliver Dorion Stroud	
"	8	"	74972 W. H. Higgins, 1043 Wellington St., Verdun	"	75	Hodgson Bros & Rolston	
"	8	"	74973 N. B. Perkins, 1220 Wellington St., Verdun	"	72	Swift Can. Co	
"	8	"	74974 Beaucoeur & Couture, 497 LaSalle Rd., Verdun	"	71	W. Champagne	
"	8	"	74975 E. Smyth, 509 LaSalle Rd., Verdun	"	71	Gunn & Langlois	
"	9	"	74976 R. W. Hadley, 60 Gormon Ave., Verdun	"	72	Whyte Pack. Co	
"	9	"	74977 R. J. Milne, 1453 Wellington St., Verdun	"	75	"	
"	9	"	74978 J. Laliberté, 182 Hickson Ave Verdun	"	72	Gunn & Langlois	
"	9	"	75079 J. H. Allard, 1185 Gertrude Ave., Verdun	"	72	W. Champagne	
"	9	"	74980 Mde A. Beaudoin, 1149 Gertrude Ave., Verdun	"	72	Toussignant & frère	

BUTTER

Inspector's Report (is not an expression of opinion)	Results of Analysis						Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Ash (Salt)	Fat by difference	Butyro-refractometer reading at 40° C.	Preservative (Borax)			

Dr. V. P. LAVALLEE, INSPECTOR.

.....	12.89	2.13	84.98	41.4	None	6813	
.....	11.86	2.68	85.47	42.8	"	6814	
.....	13.30	3.29	83.41	42.1	"	6815	
.....	11.76	1.03	88.21	42.3	"	6816	
.....	15.30	4.13	80.53	42.0	"	6817	
.....	14.58	1.19	84.23	43.5	"	6818	
.....	16.35	3.17	80.48	42.1	"	6819	Water somewhat excessive. Pass.
.....	13.08	1.76	85.06	43.3	"	6820	
.....	11.33	2.55	86.12	41.9	"	6821	
.....	9.97	2.66	87.37	42.7	"	6822	
.....	11.35	4.33	84.32	43.5	"	6823	

J. J. COSTIGAN, ACTING INSPECTOR

Dairy	12.71	3.10	84.19	42.7	None	74176	
Creamery	10.18	2.32	86.50	42.9	"	74177	
Dairy	11.74	2.49	85.77	41.3	Trace	74178	
.....	11.25	5.92	82.83	43.3	None	74179	
.....	10.57	2.27	87.16	42.6	"	74180	
.....	12.63	1.78	85.59	42.1	"	74181	
.....	13.25	1.10	85.65	42.7	"	74182	
.....	12.28	1.98	85.74	42.3	"	74183	
.....	11.21	2.71	86.08	42.5	"	74184	
Dairy	9.45	3.79	86.76	42.2	"	74185	

D. J. KEARNEY, INSPECTOR

.....	12.75	2.10	85.15	44.3	None	74971	
.....	13.08	1.88	86.09	43.7	"	74972	
.....	13.43	1.38	85.19	43.7	"	74973	
.....	16.30	2.16	81.84	43.7	"	74974	
.....	14.35	1.87	83.78	43.3	"	74975	
.....	14.33	2.08	83.59	43.8	"	74976	
.....	14.66	1.29	84.05	43.3	"	74977	
.....	14.14	2.69	83.17	42.9	"	74978	
.....	13.98	1.61	84.41	44.4	"	74979	
.....	10.96	4.18	84.86	45.0	"	74980	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer.	Furnisher

DISTRICT OF VALLEYFIELD —

1917	Jan.	31	Butter	67770	Richer & Pagé, Valleyfield..	2lbs	94	Eganville Creamery.	.....
"	"	31	"	67771	E. Bougie, Valleyfield.....	"	95	.....	.....
Feb.	"	7	"	67772	F. A. Trickey, Huntingdon..	"	90	.....	.....
"	"	7	"	67773	Pringle Starb Co. Huntingdon	"	90	Rockburn Creamery	.....
"	"	14	"	67774	L. P. Pattee, Hawkesbury..	"	90	Howard Steele	.....
"	"	14	"	67775	Laurin & Frères, Hawkesbury	"	1.00	Cashburn, Ont.	.....
"	"	14	"	67776	Paquette frères, Hawkesbury	"	90	.....	Montreal
"	"	14	"	67777	A. Ladouceau, Hawkesbury..	"	1.00	J. A. Vallancourt, Ltd.	Abatt. Ltd
"	"	23	"	67778	L. H. Lamarre, Longueuil....	1½lb	69	.....	Gunn, Langlois & Co
"	"	23	"	67779	Hector Roy, Longueuil.....	"	68	.....	.....

DISTRICT OF OTTAWA —

1916	Dec.	21	Butter	73772	H. Richardson, 1087 Wellington St. Ottawa	2lbs	1.00	Whyte Pack. Co Ltd	.....
"	"	23	"	73773	Mathews Blackwells Ltd, 1010 Wellington St., Ott.	1½lb	75	Unknown	.....
"	"	23	"	73778	Donbise's Meat Market, Cornwall	2lbs	96	Vendors	.....
"	"	23	"	73779	" " "	"	96	.....	Olive Dorn & Stroud
"	"	28	"	73790	McNally Bros, Lyon & Slater St., Ottawa	1½lb	75	Valley Creamery of Ottawa, Ltd. Ot	.....
"	"	28	"	73793	A. E. Rea Co., Ltd. Lyon & Slater St. Ottawa	"	75	Unknown	.....
"	"	29	"	73796	A. Bourguignon, 314 Booth St., Ottawa	"	75	"	.....
"	"	30	"	73799	Thomas Nappy, Brockville	"	78	The Whyte Pack Co., Brockville	Whyte Packing Co., Brockville
"	"	30	"	73806	J. W. McEwen, Brockville..	"	75	.....	.....
"	"	30	"	73510	W. M. Osborne, Brockville..	"	77	James Small, Prescott	.....
"	"	30	"	73511	" " "	"	77	J. E. Laing & Co. Brockville	.....

DISTRICT OF KINGSTON —

1917	Jan.	3	Butter	72513	J. Eves & Son, Kingston....	1 lb.	47	.....	H. Mieginn
"	"	3	"	72514	W. E. Hopkinson & Bros, Kingston	"	50	.....	Amherst
"	"	3	"	72515	Wm. Davies, Kingston.....	"	47	Wm. Davies	Inland
"	"	4	"	72516	Caverly & Bradshaw Kings-	"	45	A. B. Cascallen & Co Tamworth Ot	Laing's
"	"	4	"	72517	J. Gilbert, Kingston.....	"	50	Walkertown Creamery	Brockville
"	"	4	"	72518	S. J. Watts, Kingston.....	"	48	B. Countner	.....
"	"	4	"	73519	A. Glover, Kingston.....	"	50	Glenburnie	.....
"	"	4	"	73520	Harry Thompson, Kingston..	"	50	Eastern Dairy School, Kingston.	.....
"	"	8	"	72521	The Fair Napance.....	"	42	H. Nungent	.....
"	"	8	"	75522	S. R. Artis, Belleville.....	"	50	Belleville Creamery)	.....

BUTTER

Inspector's Report (Is not an expression of opinion).	Results of Analysis						Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Ash (Sals)		Fat by difference		Butyro refracto-meter reading at 40° C			Preservative (Borax)
J. J. COSTIGAN, ACTING INSPECTOR								
.....	11.30	3.33	.....	85.37	.....	40.3	None	67770
Maple Leaf brand.	10.36	2.50	.....	87.06	.....	40.5	"	67771
Dairy	10.86	2.62	.....	86.52	.....	42.9	"	67772
	10.61	1.96	.....	87.43	.....	42.6	"	67773
	11.53	3.90	.....	82.57	.....	41.7	"	67774
	11.00	2.20	.....	86.80	.....	42.0	"	67775
	9.06	2.61	.....	86.34	.....	43.4	"	67776
	12.74	1.94	.....	84.42	.....	42.6	"	67777
	12.41	1.5	.....	86.06	.....	43.7	"	67778
	9.01	1.86	.....	86.13	.....	42.1	"	67779

J. A. RICEY, INSPECTOR

Creamery	12.78	2.56	.....	83.64	.....	43.8	None	73772
Laings special	12.88	2.61	.....	83.87	.....	43.4	"	73773
Creamery solids	13.92	2.95	.....	83.13	.....	42.6	"	73778
Creamery Bee	11.30	1.86	.....	86.84	.....	42.0	"	73779
Hive Brand	.....	.....	.....	.....	.....	.....	.....	.....
Creamery Royal	13.91	3.60	.....	82.49	.....	43.1	"	73790
Finest Creamery	11.97	3.78	.....	84.28	.....	44.0	"	73792
Dairy	14.68	2.83	.....	82.50	.....	43.9	Trace	73796
Creamery Solids	11.98	3.05	.....	84.97	.....	43.3	None	73799
Dandelion	12.88	1.31	.....	85.81	.....	43.5	"	73806
Choice Creamery	15.60	2.26	.....	82.14	.....	41.1	"	73810
Spring Creek brd	13.43	1.45	.....	85.13	.....	43.5	"	73811
Hillbrook Cr'ry	.....	.....	.....	.....	.....	.....	.....	.....
Creamery Peer-	.....	.....	.....	.....	.....	.....	.....	.....
less Brand	.....	.....	.....	.....	.....	.....	.....	.....

JAMES HOGAN, INSPECTOR

.....	10.68	3.32	.....	86.00	.....	42.9	None	72512
.....	11.27	1.74	.....	86.99	.....	43.4	"	72514
.....	12.63	3.43	.....	82.95	.....	43.4	Trace	72515
.....	11.44	3.47	.....	85.09	.....	43.4	None	72516
.....	12.84	1.15	.....	85.41	.....	42.3	"	72517
.....	10.47	1.63	.....	88.00	.....	42.6	"	72518
.....	12.90	2.81	.....	84.29	.....	42.0	"	72519
.....	13.24	3.23	.....	83.43	.....	42.2	"	72520
.....	12.65	3.36	.....	83.99	.....	42.5	"	72521
.....	14.67	3.65	.....	81.68	.....	42.9	"	72522

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer	Furnisher
DISTRICT OF TORONTO—							
1917 Jan.	11 Butter	75529	D. Cameron, 169 Main St., East, Toronto	2lbs	98	.....	E. Gray, East Toronto
"	11 "	75530	J. C. Sharp, 1592 Danforth, Ave., Toronto	1½lb	72	.....	J. M. Gallowsay Homan's Cnr
"	12 "	75531	J. W. Hinster & Co., Aurora	2lbs	90	A. Storey, Aurora	.....
"	12 "	75532	H. B. Marshall, Newmarket	"	80	Frank Homer Kitleby	.....
"	16 "	75533	H. A. Ross, Oshawa.....	"	90	.....	Woodville Mercantile Co. Woole
"	22 "	75534	D. E. Scanton & Co., 832 Dovercourt Rd., Toronto	"	90	.....	R. W. Burrell & Son, Caladon east
"	22 "	75535	James Goudy, 129 Emerson Ave., Toronto	1½lb	75	Hawkins Seagrave	.....
"	23 "	75535	L. V. Canfield, 1025 Gerrard St., E. Toronto	2lbs	94	.....	J. S. Hawley Toronto
"	23 "	75537	R. S. Gee, 1438 Gerrard St. E. Toronto	"	76	Swift Can. Co Toronto	.....
"	23 "	75538	Wm. Andrew, New Toronto	1½lb	74	.....	Guins Ltd Toronto
DISTRICT OF HAMILTON—							
Jan.	17 Butter	75601	W. L. Wright, Flesherton....	1½lb	53	Unknown	.....
Feb.	1 "	75602	H. Mercer & Son, Markdale.	2lbs	64	Mrs. J. W. Lyons. Markdale	.....
"	2 "	75603	Lemon Bros, Owen Sound..	"	70	.....	.....
"	2 "	75604	McClarty Bros, Owen Sound	"	84	J. Patridge, Owen Sound	.....
"	6 "	75605	A. H. Hogins, Thorold.....	"	94	.....	Unknown
"	7 "	75606	J. H. Marshall, 101 Queen St Niagara Falls	1½lb	75	.....	J Murdock Dunnville
"	7 "	75607	Chas. Kister, Chippewa.....	2 lbs	96	.....	Unknown
"	7 "	75608	O. Krutner, Niagara Falls Centre	"	1.00	Henry Jenter Thorold	.....
"	8 "	75609	The W. R. Kroft Co., Ltd. Bridgeburg	"	"	.....	Unknown
"	8 "	75610	C. W. Vahey, Bridgeburg....	1½lb	60	Mrs. Cox, Bridgeburg	.....
DISTRICT OF WINDSOR—							
Jan	9 Butter	65101	Henry Avery, Ingersoll.....	2 lbs	1.04	Exeter Creamery Co., Exeter	.....
"	9 "	65102	W. E. Sumner, Ingersoll.....	1lbs	50	C. H. Slawson & Co Ingersoll	.....
"	9 "	5105	Healey's " "	"	50	" "	.....
"	10 "	65112	J. A. Trestein, Tillsonburg.	1 lbs	1.00	H. Stansell, King's Lake	.....
"	10 "	65114	W. S. Stocks, Tillsonburg....	"	"	.....	.....
"	11 "	65128	Cruckshanks Bros, Simcoe....	1 lbs	50	R. W. Carwell Lynn Valley Greenway	.....
"	11 "	65129	J. A. Calder, Simcoe.....	"	"	J. B. Jackson, Simcoe	.....
"	12 "	65136	Waddell & Co., St-Thomas.	"	48	St Thomas Pack. Co., St Thomas	.....
"	15 "	65141	Fred Jones, London.....	"	50	Silverwood's London	.....
"	16 "	65145	P. W. Earle & Son, Lambeth	"	50	Kerwood Creamery. Kerwood	.....

BUTTER

Inspector's Report (is not an expression of opinion)	Results of Analysis						Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Ash (Salt)		Fat by difference	Butyro- refractometer reading at 40° C	Preservative (Borax)		
H. J. DAGER, INSPECTOR								
Choice Dairy	18.91	2.20	78.89	40.5	None	75529	Water excessive. Adulterated.
"	11.81	2.66	.....	85.53	42.5	"	75530
Dairy	6.58	2.13	.....	91.29	42.0	"	75531
"	11.74	3.28	.....	84.85	41.7	"	75532
Choice Dairy	13.20	1.06	.....	85.74	42.0	"	75533
Dairy	15.92	2.43	.....	81.65	42.0	"	75534
Choice Dairy	10.08	3.47	.....	86.45	41.0	"	75535
Dairy	12.30	1.73	.....	85.97	43.0	"	75536
Butter Cup	12.57	2.17	.....	85.26	42.9	Trace	75537
Choice Dairy	12.47	2.34	.....	85.19	42.4	None	75538

H. J. DAGER, INSPECTOR

.....	18.47	2.27	84.26	41.6	None	75601	Water Excessive. Adulterated. Water Excessive. Adulterated. Fat. 6 p.s. below standard amount
Choice Dairy	17.37	2.87	.....	79.76	41.4	"	75602
Dairy	21.65	2.56	.....	75.79	41.9	"	75603
"	14.44	2.07	.....	83.49	40.9	"	75604
.....	11.28	2.06	.....	86.66	43.4	"	75605
Choice Dairy	9.13	1.61	.....	89.26	41.8	"	75606
.....	10.50	3.61	.....	85.89	42.0	"	75607
.....	10.71	4.58	.....	84.71	42.2	"	75608
Choice Dairy	13.36	1.08	.....	85.61	42.5	"	75609
.....	15.76	2.30	.....	81.94	42.3	"	75610

JOHN TALBOT, INSPECTOR

.....	18.71	1.35	79.94	41.8	None	65101	Water Excessive. Adulterated.
.....	13.53	1.69	.....	84.78	42.4	"	65102
.....	14.44	2.26	.....	83.30	42.5	"	65105
.....	12.09	2.16	.....	85.75	42.7	"	65112
.....	11.79	2.38	.....	85.83	41.9	"	65114
.....	11.21	2.43	.....	85.36	42.1	"	65123
Pasteurized Creamery	14.97	1.92	.....	83.01	41.5	"	65129
Choice Creamery	12.30	2.20	.....	84.50	43.9	Trace	65136
Pasteurized Creamery	13.55	1.73	.....	84.64	42.0	None	65141
"	11.08	5.53	.....	83.34	42.4	"	65145

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	Cts	Manufacturer	Furnisher

DISTRICT OF NORTHERN ONTARIO:—

1917	Jan.	17	Butter	77633	Elkins & Sainclair Hallebury	2 lbs	1.00	Harris Abattoir Co. Toronto	
	"	17	"	77634	F. C. Preston Ltd, Hallebury	"	95		Lunham & Graham, Montreal
	"	17	"	77635	Northlawn Stores, Hallebury	"	1.00	Gunn's Ltd.	
	"	17	"	77636	A. J. Carson, Hallebury	"	"	Wm. Davies Co.,	
	"	18	"	77638	Stoddart Bros, North Bay	"	1.10	Swift Can. Pack Co., Toronto	
	"	18	"	77639	"	"	.00	Matthews Blackwell, Toronto	
	"	18	"	77640	D. T. Willard, North Bay	"	90	Mrs Jas. Brown Bradford, Ont.	
	"	18	"	77642	A. A. McIntosh, North Bay	"	"	Mrs. Anderson	
	"	20	"	77651	Frank L. Dixon, Sudbury	"	1.00	A. J. Powassan R. R. No 1 Powassan	
	"	21	"	77652	Field's Grocery, Sudbury	"	"	meese Manitoulin Island	
	"	20	"	77654	D. Blue, Sudbury	"	96	Matthews Blackwell Ltd., Toronto	
								Harris Abattoir Sudbury	

DISTRICT OF PORT WILLIAM & PORT ARTHUR:—

1916	Dec.	28	Butter	75118	Climax Grocery, Port William	1½lb	75	Warton Creamery Co. Warton Ont.	
	"	30	"	75119	C. H. Walker, 1016 Victoria Ave., Port William	2 lbs	1.00	Swift Can. Co., Port William	
	"	30	"	75120	James O'Connor, 1114 Victoria Ave., Port William	1½lb	75	Gordon Ironside & Pares, Port-W.	
	"	21	"	75121	D. R. Thompson, 350 New Marks St., Port William	"	"	Gallagher Holman & Lafrance, Port-W.	
1917	Jan.	3	"	75122	George Morton, 338 S. Syndicate St. Port William	"	"	J. C. Hymens, Hymens, Ont.	
	"	3	"	75123	C. J. LeBond, 421 Syndicate St., Port William	"	"	A. H. Campbell, Harwood Ont.	
	"	3	"	75124	Attridge & Seppala, Cornwall Ave., Port Arthur	"	"		
	"	3	"	75125	J. J. Fisher, 128 S. Algoma St Port Arthur	"	"	Gordon Ironside & Pares, Port-W.	
	"	3	"	75126	B. Gibllette, 49 Second St., Port-Arthur	"	"	Swift Can. Co., Port-Arthur	
	"	3	"	75127	J. & I. Levack, 80 Second St Port-Arthur	"	"	Gallagher & Holman & Lafrance	

DISTRICT OF MANITOBA:—

Jan.	25	Butter	75177	S. Korman, Morden	1½lb	75	Mrs Ziebert Morden	
"	30	"	75178	O. K. Stewart, Rosenfeld	"	50	H. H. Dick, Rosenfeld	
"	30	"	75179	E. Neiman, Rosenfeld	"	45	D. Pocherant	
Feb.	6	"	75180	F. Lemoine, St-Agathe, Man	2 lbs	76	Joe Lemoine, St. Agathe, Man.	
"	6	"	75181	Joseph Royal & Sons, St-Agathe, Man.	1½lb	60	Chas. Richat Silver Plains	
"	6	"	75182	E. Guertlin, St-Agathe, Man	2 lbs	70	James Scott, St. Agathe, Man.	
"	6	"	75183	L. Toupin, St-Agathe, Man.	"	70	E. Bilodeau, St-Agathe, Man.	
"	7	"	75184	R. A. Agnew, 800 Sherbrooke St., Winnipeg	"	96	Brandon Creamery Brandon	
"	7	"	75185	A. Thompson, 557 Elgin Ave Winnipeg	1½lb	70	Holand Creamery Co., Winnipeg	
"	7	"	75186	A. Douglas, 181 Isabel St., Winnipeg	2 lbs	96	Manitoba Creamery Co., Winnipeg	

BUTTER

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Inspector's Report (is not an expression of opinion).	Results of Analysis						Number of Samples	Remarks and Opinion of the Chief Analyst
	Water	Ash (Salt)	Fat by difference	Sp. gr. of fat at 40° C	Butyro- meters reading at 40° C	Preservative (Boric)		

F. W. FORDE ACTING INSPECTOR

Creamery	13.00	1.83	84.19	42.5	Trace	77633	
"	10.00	2.27	86.83	42.9	None	77634	
"	11.44	2.25	86.21	42.9	"	77635	
"	12.66	3.01	83.63	43.5	"	77636	
"	11.73	1.82	86.45	43.2	"	77638	
"	12.70	4.09	82.52	43.5	"	77639	
"	11.00	3.53	84.67	41.2	Trace	7764	
Dairy	7.54	2.35	90.01	41.7	None	77642	
"	7.00	9.14	82.88	43.6	"	77651	
Creamery	10.25	2.80	86.90	41.6	"	66552	
"	12.51	1.67	85.82	42.3	Trace	77654	

J. R. OOSGROVE ACTING INSPECTOR

	12.85	Caseln & Salt 4.13	83.07	0.911	43.0	None	75118	
	12.79	3.06	84.15	0.912	42.8	"	75119	
	12.36	3.96	82.62	0.911	42.7	"	75120	
	5.84	2.37	91.79	0.912	42.4	"	75121	
	11.23	2.63	86.02	0.912	41.0	"	75122	
	12.78	3.00	83.15	0.912	42.1	"	75123	
	11.94	5.08	82.96	0.912	42.2	"	75124	
	10.86	3.45	85.72	0.911	42.6	"	75125	
	10.00	5.79	84.25	0.910	42.3	"	75126	
	7.54	2.29	90.18	0.912	42.1	"	75127	

J. B. OOSGROVE, INSPECTOR

	10.83	3.81	85.36	0.911	41.3	None	75177	
	10.81	3.81	86.28	0.911	40.5	"	75178	
	12.22	1.52	86.26	0.910	41.5	"	75179	
	12.23	2.43	85.19	0.910	42.9	"	75180	
	12.67	3.06	84.27	0.911	41.1	"	75181	
	9.01	5.60	85.22	0.911	42.4	"	75182	
	12.72	6.02	81.66	0.910	42.1	"	75183	
	11.15	3.65	85.20	0.912	43.0	"	75184	
	10.44	2.70	86.90	0.912	42.1	"	75185	
	10.81	4.00	85.19	0.911	42.3	"	75186	

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost.		Name and address of Manufacturer or Furnisher as given by the Vendor	
				Quantity		Manufacturer	Furnisher

DISTRICT OF SASKATCHEWAN—

1917 Feb.	7	Butter	71647	Maple Creek Supply Co., Maple Creek	2 lbs	80	Henry Milhaer, Maple Creek	.....
"	7	"	71649	Chevalier & Pollock, Maple Creek	"	"	Fred Hammond Maple Creek	.....
"	7	"	71651	Dixon Bros, Maple Creek....	"	90	Roberts, Maple Creek	.....
"	7	"	71653	R. H. Lithgow, Maple Creek	1½lb	75	Carlisle Creamery Co Medicine Hat	.....
"	7	"	71654	W. W. McRae, Maple Creek	2 lbs	90	P. Burns & Co. Ltd Calgary	.....
"	8	"	71655	J. S. Tweed, Gull Lake.....	"	80		.....
"	8	"	71657	Thomas Bros, Gull Lake ...	"	"	Chas. Bennett, Gull Lake	.....
"	8	"	71662	W. W. Cooper Swift Current.	"	95	Gurney Creamery Co. Swift Current	.....
"	9	"	71666	Law & KacKay, Swift Current	"	1.00	Brandon Creamery & Supply Co, Brandon	.....

DISTRICT OF ALBERTA —

Feb.	12	Butter	52559	Sharpe & Page, Stettler....	1½lb	55	Mrs Mary Rotten- fusser, Stettler	.....
"	12	"	52560	Pride & Nash, Stettler.....	"	60	Mrs Jas. Thompson Stettler	.....
"	13	"	52561	L. J. Adams, Stettler	"	60	Mrs Arthur Ball	.....
"	13	"	53562	Robert M. Spratt & Co, Cas- tor	"	55	Leaton Finchelaye.	.....
"	14	"	52563	Nicholls, Ltd., Castor.....	"	"	Mrs. C. E. Kane, Alliance	.....
"	14	"	52564	Watters Ltd, Castor.....	"	"	Geo. Hess, Castor	.....
"	14	"	52565	Bonsall & Mitchell Ltd., Coronation	"	"	Chas Brownfield. Brownfield	.....
"	14	"	52566	Great West Store Co, Coro- nation	"	"	Mrs. Nelson, Coro- nation	.....
"	15	"	52567	Younge Bros, Camrose.....	"	60	Mrs Ramsler, Camrose	.....
"	15	"	52568	Kerr & McDonald, Camrose)	"	55	Mrs. A. Nostrum Camrose	.....

DISTRICT OF ROCKY MOUNTAINS—

1917 Jan.	22	Butter	68311	The Trites Wood Co., Fernie	1½lb	1.00	P. Burns & Co. Calgary	.....
"	22	"	68312	" " "	"	70	" "	.....
"	22	"	68319	Crow's Nest Trading Co Fernie	"	.00	Provincial Govt. Calgary	.....
"	23	"	68325	The Cranbrook Trading Co, Cranbrook	"	1.00	W. C. Wholesale Co Fernie	.....
"	23	"	68326	" " "	"	"	A. Jolliffe, Cran-	.....
"	23	"	68335	Little & Atchison, Cranbrook	"	"	Swift Can. Co. Edmonton	.....
"	2	"	68336	" " "	"	"	Cranbrook Butter Co., Cranbrook	.....
"	2	"	68337	" " "	"	70	P. Burns & Co, Calgary	.....
"	21	"	68346	A. S. Horswill & Co., Nelson	"	1.00	Curlew Creamery Co., Nelson	.....
"	25	"	68347	Star Grocery, Nelson.....	"	"	" "	.....

BUTTER

Inspector's Report (Is not an expression of opinion)	Results of Analysis							Number of Sample	Remarks and Opinion of the Chief Analyst
	Water %	Casein & Salt	Curd	Fat by difference	Sp. gr. of fat at 40° C	Butyro-refractometer reading at 40° C	Preservative (Borax)		
L. H. HALL, INSPECTOR									
Dairy	9.16	1.78	.....	89.06	0.9099	42.4	None	71647	
"	5.86	3.58	.....	87.56	0.9088	45.3	"	71649	
"	10.37	4.11	.....	85.52	0.9090	43.0	"	71651	
Creamery	7.40	2.76	.....	89.84	0.9103	43.1	"	71653	
"	9.68	3.50	.....	86.82	0.9093	43.3	"	71654	
Dairy	10.21	4.55	.....	85.24	0.9088	43.2	"	71655	
"	11.27	3.12	.....	85.61	0.9093	41.9	"	71657	
Creamery	10.47	3.35	.....	86.18	0.9089	43.7	"	71662	
"	9.89	3.37	.....	86.76	0.9093	43.5	"	71666	

A. W. R. MARKLEY, INSPECTOR

Dairy	9.47	5.08	.....	85.45	0.9087	43.9	None	52559	
"	9.28	3.31	.....	87.41	0.9101	44.1	"	52560	
"	11.24	3.08	.....	84.78	0.9103	44.2	"	52561	
"	13.20	2.84	.....	83.96	0.9088	44.2	"	52562	
"	12.62	3.26	.....	84.12	0.9082	44.2	"	52563	
"	13.66	1.86	.....	84.48	0.9093	43.2	"	52564	
"	10.81	3.88	.....	85.31	0.9082	43.7	"	52565	
"	8.60	3.05	.....	88.35	0.9097	43.5	"	52566	
"	9.57	4.06	.....	86.27	0.9114	41.3	"	52567	
"	11.50	4.08	.....	84.42	0.9103	43.2	"	52568	

THOS. PARKER, INSPECTOR

	Ash (Salt)								
Triwood Brand	13.30	2.08	0.98	83.14	.....	41.3	.....	68311	
U. Dairy Brand	10.50	3.64	1.10	84.76	.....	42.5	.....	68312	
.....	13.76	1.24	0.80	84.20	.....	43.3	.....	68319	
Jersey Bell Brand	14.64	3.08	0.68	81.80	.....	43.2	.....	68325	
.....	14.44	2.46	0.78	82.32	.....	43.0	.....	68326	
Brookfield Brand	11.32	1.52	0.56	86.60	.....	42.7	.....	68335	
Kootenay Brand	13.76	3.12	0.84	82.28	.....	42.8	.....	68336	
.....	12.60	3.32	0.98	83.10	.....	43.1	.....	68337	
Curlew Brand	10.00	2.70	1.04	86.26	.....	43.4	.....	68346	
Pioneer Brand	21.84	7.10	1.74	69.32	.....	42.6	.....	68347	Water Excessive. Adul- terated. Fat 13 p.c. be- low standard amount.

Date of Collection	Nature of Sample	Number of Sample	Name and Address of Vendor	Cost		Name and Address of Manufacturer or Furnisher as given by the Vendor	
				Quantity	cts.	Manufacturer.	Furnisher

DISTRICT OF VANCOUVER—

1917	Jan.	11	Butter	55696	David Spencer Ltd., 515 Hastings St., W., Vancouver	1 1/4 lb	66	Nespeawa Creamery Co Nespeawa, M.	.....
		11	"	55697	Haloscroft Produce Co. 27 Hastings St., W. Vanc.	"	60	Parsons Haddock Co Ltd., Vanc.	.....
		12	"	55698	S. T. Wallace, 44 Hasting St. W. Vancouver	"	60	A. P. Slade & Co. Vancouver	.....
		12	"	55699	James Harkness, 2605 Main St., Vancouver	"	"	Parsons Haddock Co Ltd., Vancouver	.....
		12	"	55821	F. W. Walford, 983 Granville St., Vancouver	"	68	" "	.....
		12	"	55822	N. Jones, Stall 1,900 Granville St., Vanc	"	60	" "	.....
		12	"	55823	Powell's Market, 38 Hastings St., E., Vanc.	"	70	F. R. Stewart & Co Vancouver	.....
		12	"	55824	Larsen's Grocery, 321 Hastings St., E., Vancouver	"	60	A. P. Slade & Co. Vancouver	.....
		17	"	55825	Larsen & Aune 601 Front St New Westminster	"	55	F. R. Stewart & Vvancouver Co	.....
		17	"	55826	Overwaites Co., 746 Columbia St., New Westminster	"	75	Unknown	.....

DISTRICT OF VICTORIA—

Jan.	25	Butter	55912	The People's Cash Grocery 749 Yates St., Victoria	2 lbs	90	Unknown	.....
"	25	"	55913	The Quadra Hillside Cash Grocery, 1100 Hillside Av	1 1/4 lb	70	F. R. Stewart & Co Vancouver	.....
"	25	"	55914	Thoburn Grocery, Head & Esquimalt Ave. Victoria	2 lbs	1.00	The B. Wilson Co. Victoria	.....
"	26	"	55915	H. O. Kirkham & Co., Ltd. Fort & Govt. Sta. Vict.	1 1/4 lb	68	" "	.....
"	26	"	55916	Copas & Young, 633 Fort St., Victoria	2 lbs	85	Unknown	.....
"	26	"	55917	Harrison Cash Grocery Ltd., 2215 Oak Bay Ave. Vict.	"	90	F. R. Stewart & Co Vancouver	.....
"	26	"	55918	Newport Grocery, Oak Bay Victoria	"	"	The B. Wilson Co., Ltd., Victoria	.....
"	26	"	55919	Richards Cash Market, Oak Bay, Victoria	"	"	S. R. Stewart & Co., Vancouver	.....
"	26	"	55920	Fenerty Bros, 1553 Pandora Ave., Victoria	1 lb	50	The B. Wilson Co Ltd., Victoria	.....
"	26	"	55921	The Cook St., Grocery, Cook & Fort Sta., Victoria	"	55	W. H. Malkin & Co Ltd., Vanc.	.....

BUTTER

Inspector's Report (Is not an expression of opinion).	Results of Analysis						Number of Sample	Remarks and Opinion of the Chief Analyst	
	Water %	Ash (Salt)	Card	Fat by difference	Butyro- refractometer reading at 40°C	Preservative (Borax)			
G. G. ARMYTAGE, INSPECTOR									
.....	14.70	2.32	0.82	82.16	43.4	55096	Fat 8 p.c. below standard amount, due to high water & salt content. Adulterated.
.....	15.76	6.25	3.30	74.06	.....	42.2	.....	55097
.....	13.68	4.24	1.20	80.88	.....	43.1	.....	55098
Dairy	14.24	4.22	2.60	78.94	.....	42.6	.....	55099
"	12.52	3.00	2.58	81.90	.....	43.0	.....	55101
.....	15.68	6.12	2.60	75.60	43.5	55122	Fat 7 p. c. below standard amount due to high water & salt content. Adulterated.
.....	15.92	1.42	1.86	80.80	.....	43.5	.....	55123
Tub	9.16	1.64	1.60	87.00	.....	41.7	.....	55124
Dairy	9.24	0.50	0.94	89.32	.....	42.9	.....	55125
.....	14.04	1.54	0.88	83.54	.....	43.0	.....	55126
G. G. ARMYTAGE, ACTING INSPECTOR									
People's Favorite Creamery	15.20	3.02	0.64	81.08	41.5	55012	Water slightly excessive. pass.
Creamery, Buttercup Brand	15.44	2.14	0.88	81.54	.....	43.1	.....	55013
Cream Valley	12.18	2.10	1.34	84.32	.....	43.4	.....	55014
.....	12.00	1.50	0.80	85.70	.....	43.0	.....	55015
Independent Creamery	12.32	1.44	0.68	84.56	.....	42.9	.....	55016
Creamery, Horse Shoe Brand	14.64	2.38	0.56	82.42	.....	42.9	.....	55017
Clover Leaf Creamery	15.24	2.12	0.90	81.74	.....	43.2	.....	55018
Horse Shoe brand Creamery	16.08	3.32	1.12	79.48	.....	42.8	.....	55019
Special B. C. Brand Creamery	15.32	1.80	0.74	82.14	.....	43.1	.....	55020
Salmon Arm Creamery	15.00	2.44	1.36	81.20	.....	42.9	.....	55021